

ABSTRACT

[Abstract of the Disclosure]

5 Provided are a write once disc with a temporary defect management area, and a
disc defect management method and apparatus therefor. The write once disc is a
single record layer disc wherein a lead-in area, a data area, and a lead-out area are
sequentially positioned, the write once disc comprising a defect management area that
is present in at least one of the lead-in area and the lead-out area; a temporary defect
management area that is present in at least one of the lead-in area and the lead-out
10 area; and a drive & disc information area that is present in at least one of the lead-in
area and the lead-out area, wherein temporary defect information and temporary defect
management information are recorded in the temporary defect management area,
temporary defect information and temporary defect management information that are
lastly recorded in the temporary defect management area during finalizing are recorded
15 in the defect management area, and location information of the lastly recorded
temporary defect information and temporary defect management information is
recorded in the drive & disc information area. Accordingly, disc defect management
can be effectively performed on the write once disc. Also, drive and disc information,
which includes information regarding the location of a test area in which recording
20 conditions are measured and write protect information, is recorded as temporary defect
management information, thereby increasing the reliability of a system.

[Representative Drawing]

FIG. 7A